特許協力条約

PCT

国際調査報告

(法8条、法施行規則第40、41条) [PCT18条、PCT規則43、44]



出願人又は代理人 の書類記号 C11617	今後の手続きについては、様式PCT/ISA/220 及び下記5を参照すること。								
国際出願番号 PCT/JP2005/005972	国際出願日(日.月.年)	29. (3.	2005	優先日 (日.月.年)	29.	0.3.	2004	
出願人 (氏名又は名称) 独立行政法人放射線医学総合研究所									

国際調査機関が作成したこの国際調査報告を法施行規則第41条(PCT18条)の規定に従い出願人に送付する。 この写しは国際事務局にも送付される。

この国際調査報告は、全部で ___2 ページである。

□ この調査報告に引用された先行技術文献の写しも添付されている。

- 1. 国際調査報告の基礎
 - a. 言語は、下記に示す場合を除くほか、この国際出願がされたものに基づき国際調査を行った。 「この国際調査機関に提出された国際出願の翻訳文に基づき国際調査を行った(PCT規則23.1(b))。
 - b. 「 この国際出願は、ヌクレオチド又はアミノ酸配列を含んでいる(第 I 欄参照)。
- 2. 「請求の範囲の一部の調査ができない(第Ⅱ欄参照)。
- 3. 「 発明の単一性が欠如している(第Ⅲ欄参照)。
- 4. 発明の名称は
- ▶ 出願人が提出したものを承認する。
- 「 次に示すように国際調査機関が作成した。

- 5. 要約は
- ▽ 出願人が提出したものを承認する。
- 「第IV欄に示されているように、法施行規則第47条 (PCT規則38.2(b)) の規定により 国際調査機関が作成した。出願人は、この国際調査報告の発送の日から1カ月以内にこ の国際調査機関に意見を提出することができる。
- 6. 図面に関して
 - a. 要約書とともに公表される図は、

第 ___1 図とする。 ▽ 出願人が示したとおりである。

- 「 出願人は図を示さなかったので、国際調査機関が選択した。
- 「 本図は発明の特徴を一層よく表しているので、国際調査機関が選択した。
- b. 「 要約とともに公表される図はない。

国際調査報告

発明の属する分野の分類(国際特許分類(IPC)) Int.Cl.⁷ A61B6/03

調査を行った分野

調査を行った最小限資料(国際特許分類(IPC))

Int.Cl.⁷ A61B6/00-6/14, G21K3/00

最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報

1922-1996年

日本国公開実用新案公報

1971-2005年

日本国実用新案登録公報

1996-2005年

日本国登録実用新案公報

1994-2005年

国際調査で使用した電子データベース (データベースの名称、調査に使用した用語)

JICST科学技術文献ファイル, [ヒール効果]

関連すると認められる文献 引用文献の 関連する カテゴリー* 引用文献名 及び一部の箇所が関連するときは、その関連する箇所の表示 請求の範囲の番号 P, A JP 2004-214130 A (株式会社島津製作所) 1 - 82004.07.29 全文、第1-3図(ファミリーなし)

C欄の続きにも文献が列挙されている。

パテントファミリーに関する別紙を参照。

* 引用文献のカテゴリー

- 「A」特に関連のある文献ではなく、一般的技術水準を示す 「T」国際出願日又は優先日後に公表された文献であって
- 「E」国際出願日前の出願または特許であるが、国際出願日 以後に公表されたもの
- 「L」優先権主張に疑義を提起する文献又は他の文献の発行 日若しくは他の特別な理由を確立するために引用す る文献(理由を付す)
- 「〇」口頭による開示、使用、展示等に言及する文献
- 「P」国際出願日前で、かつ優先権の主張の基礎となる出願

の日の後に公表された文献

- 出願と矛盾するものではなく、発明の原理又は理論 の理解のために引用するもの
- 「X」特に関連のある文献であって、当該文献のみで発明 の新規性又は進歩性がないと考えられるもの
- 「Y」特に関連のある文献であって、当該文献と他の1以 上の文献との、当業者にとって自明である組合せに よって進歩性がないと考えられるもの
- 「&」同一パテントファミリー文献

国際調査を完了した日

14.04.2005

国際調査報告の発送日

10. 5. 2005

国際調査機関の名称及びあて先

日本国特許庁(ISA/JP) 郵便番号100-8915

東京都千代田区霞が関三丁目4番3号

特許庁審査官(権限のある職員)

2 W 9309

安田 明央

電話番号 03-3581-1101 内線 3292

INTERNATIONAL SEARCH REPORT

International application No.

cited to establish the publication date of another citation or other special reason (as specified) document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 14 April, 2005 (14.04.05) Date of mailing of the international search 10 May, 2005 (10.05.05) Name and mailing address of the ISA/ Japanese Patent Office Ty document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family Authorized officer			PCT/JP2	2005/005972		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int. C1	A. CLASSIFIC Int.Cl ⁷	ATION OF SUBJECT MATTER A61B6/03				
Minimum documentation searched (classification system followed by classification symbols) Int. Cl ² A61B6/00-6/14, G21K3/00 Discussembation searched other than minimum documentation to the extent that such documents are included in the fields esambal Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Terroku Koho 1994-2005 Electronic data base consulted during the international search trained of data base and, where practicable, search terms used) JICST FILE, [Hiru Koka] (in Japanese) C. DOCUMENTS CONSIDERED TO BE RELEVANT Cotegory* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. P, A JP 2004-214130 A (Shimadau Corp.), 29 July, 2004 (29.07.04), Full text; Figs. 1 to 3 (Family: none) I later document patient by the and a search international fling date or priority claimest or which is eited to establish the publication and or option by claimest or which is eited to establish the publication and or option by claimest or which is eited of collable the publication and or option by claimest or which is eited to establish the publication and or option by claimest or which is eited to establish the publication and of a priority claimest or which is eited to establish the publication and of a priority claimest or which is eited to establish the publication and of a priority claimest or which is eited to establish the publication and of a priority claimest or which is eited to establish the publication and or subject to establish the publication and evention cannot be expected established publication and the established publication of the international fining date but later than the considered to involve an inventive establi	According to Inte	rnational Patent Classification (IPC) or to both nation	nal classification and IPC			
Decumentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005 Rokai Jitsuyo Shinan Koho 1971-2005 Teroku Jitsuyo Shinan Koho 1994-2005 Electronic data base consulted furing the international search (name of data base and, where practicable, search terms used) JICST FILE, [Hiru Koka] (in Japanese) C. DOCUMENTS CONSIDERED TO BE RELEVANT Cotegory* Citation of document, with indication, where appropriate, of the relevant passages Rolevant to claim No. 29 July, 2004 (29.07.04), Full text; Figs. 1 to 3 (Family: none) * Secund coregories of cital documents document prelicular relevance. * Secund coregories of cital documents document defining the penent state of the an which is not considered to be of practical relevance. ** Secund coregories of cital documents document underly underlying the invention of the cital document which may throw doubts on priority claim(s) or which is cital of collaboration and evaluation of other relations of other cital document which may throw doubts on priority claim(s) or which is cital or destable the published mare to the international filing date or priority document offering to an oral disclosure, use, exhibition or other means document published mare to the international filing date to the considered to involve an inventive side when the document is a propriety date claimed. **Comment of principal relevance: the claimed investion cannot be considered to involve an inventive side when the document is a propriety date claimed. **Comment of principal relevance: the claimed investion cannot be considered to involve an inventive side when the document is propriety date claimed. **Comment of principal relevance: the claimed investion cannot be considered to involve an inventive side when the document is a propriety date claimed. **Comment of principal relevance: the claimed answer of the international search to provide an inventive side w						
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1994-2005 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. P, A JP 2004-214130 A (Shimadzu Corp.), PJ 20 July, 2004 (29.07.04), Full text; Figs. 1 to 3 (Family: none) See patent family annex. Special categories of cited documents: document defining the general state of the art which is not considered to be of particular relevance in the family in the production and the original fling date or protony data and not in conflict with the application but cited to understand fling date or protony discument defining the general state of another citation or other special case of particular relevance. The claimed wavefunction cannot be special reason fass specially and not or after the international fling date or protony discument of particular relevance the claimed wavefunction cannot be special reason fass specially cannot as specially comment as protony date claimed. See patent family annex. The later document published after the international fling date or protony data and not in conflict with the application but cited to understand the promote of the protony underlying the invention cannot be special reason fass specially comments and special comment and particular relevance the claimed unvertion cannot be special reason fass specially cannot as protony and the proposition of the international search the protony date claimed with one or more other and invention cannot be considered to another citation or other special cannot be considered to another citation or other mass document published prior to the international search the protony date of particular relevance the claimed unvertion cannot be considered to another citation or other mass document published prior to the international search the protony of the particular re	Minimum docum Int . Cl ⁷	entation searched (classification system followed by a A61B6/00-6/14, G21K3/00	classification symbols)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. P,A JP 2004-214130 A (Shimadzu Corp.), 29 July, 2004 (29.07.04), Full text; Figs. 1 to 3 (Family: none) Further documents are listed in the continuation of Box C. See patent family annex. Trustical categories of cited documents: document defining the general state of the an which is not considered to elopaticular relevance and document defining the general state of the art which is cited to establish the published on or after the international filing date. Trustical categories of cited documents are listed in the continuation of Box C. See patent family annex. Trustical categories of cited documents: document defining the general state of the an which is not considered to confolic with the application of patients and the properties of the properties of the published and on a radie of another citation or other special resum to a specifical categories of the state of another citation or other special resum to a previous document of particular relevance; the claimed mineration cannot be considered to understand to document of particular relevance; the claimed mineration cannot be considered and or or another citation or other resuments and comment of particular relevance; the claimed mineration cannot be considered to understand the properties of the consi	Jitsuyo : Kokai Ji	Shinan Koho 1922-1996 J. tsuyo Shinan Koho 1971-2005 T	itsuyo Shinan Toroku Koho oroku Jitsuyo Shinan Koho	1996-2005 1994-2005		
Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. P, A JP 2004-214130 A (Shimadzu Corp.), Full text; Figs. 1 to 3 (Family: none) See patent family annex. See patent family annex. The document family to get the actual completion of the actual content be of particular relevance. The document family the general state of the art which is not considered to be of particular relevance. The document which may throw doubts on priority claim(s) or which is cited to establish the published on or after the international fling date. To document referring to an oral disclosure, use, exhibition or other means person (as specified). To document referring to an oral disclosure, use, exhibition or other means about the claim of the complete state of the actual completion of the international fling date but later than the priority data from the international fling date but later than the priority date alimed. Date of the actual completion of the international search 14 April, 2005 (14.04.05) Name and mailing address of the ISA/ Japanese Patent Office Telephone No.	JICST F	se consulted during the international search (name of ILE, [Hiru Koka] (in Japanese	data base and, where practicable, search te)	erms used)		
P, A JP 2004-214130 A (Shimadzu Coxp.), 29 July, 2004 (29.07.04), Full text; Figs. 1 to 3 (Family: none) See patent family annex. The seep of the accument of the accument of the art which is not considered to be of particular relevance. The accument which may throw doubts on priority claim(s) or which is crief to establish the publication date of another citation or other special cases of a specified in the accument of ferring to an oral disclosure, use, exhibition or other means of document published prior to the international filing date but later than the priority declaimed. Date of the actual completion of the international search 14 April, 2005 (14.04.05) Name and mailing address of the ISA/ Japanese Patent Office Facsimile No. Telephone No.	C. DOCUMENT	IS CONSIDERED TO BE RELEVANT				
Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: A document of particular relevance the claimed invention and filing date or priority date and not in conflict with the application but claimed or particular relevance the published on or after the international filing date or priority claim(s) or which is cited to establish the publication date of another citation or other means document referring to an und disclosure, use, exhibition or other means document referring to an und disclosure, use, exhibition or other means document referring to an und disclosure, use, exhibition or other means document referring to an und disclosure. Use, exhibition or other means document published prior to the international filing date but later than the priority date claimed. Date of the actual completion of the international search 14 April, 2005 (14.04.05) Date of the actual completion of the international search 14 April, 2005 (14.04.05) Name and mailing address of the ISA/ Japanese Patent Office Fassimile No. Telephone No.				Relevant to claim No.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other priority date claimed "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search 14 April, 2005 (14.04.05) Name and mailing address of the ISA/ Japanese Patent Office "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document is document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered novel or cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the doc	P,A	29 July, 2004 (29.07.04), Full text; Figs. 1 to 3	Corp.),	1-8		
14 April, 2005 (14.04.05) Name and mailing address of the ISA/ Japanese Patent Office Telephone No.	* Special categories of cited documents: A document defining the general state of the art which is not considered to be of particular relevance E earlier application or patent but published on or after the international filing date L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) O document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priori date and not in conflict with the application but cited to understand the principle or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family			
Japanese Patent Office Facsimile No. Telephone No.	14 April	, 2005 (14.04.05)	10 May, 2005 (10.05	h report . 05)		
			Authorized officer			
	Facsimile No.	annual about / Iran - 2004	Telephone No.			